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ABSTRACT

Designed to broaden awareness of the Texas Education Computer Cooperative (TECC) and its efforts to develop products and services which can be most useful to schools, this publication provides an outline of the need, purpose, organization, and funding of TECC and descriptions of 19 projects. The project descriptions are organized by fiscal year in education service center numerical sequence. For each product or service, information includes location, project contact person and telephone, project overview, and project products and their availability date. Products and services developed by these projects include the Texas Assessment of Basic Skills-Related Courseware for Microcomputers; the Statewide Microcomputer Courseware and Evaluation Network; a learner-based accountability system; computer assisted systems for reading and math; a mastery management system; a resource management system; a guidance information system; a teacher inservice model for delivery of computer training; an implementation guide for computer literacy; a learner-based accountability system; a payroll/personnel system; finance, payroll, and fixed assets for the IBM System 23, TRS-80 Model 12, and Apple III computers; online student grade reporting and attendance accounting system on the IBM System 23 computer; and simulated data sets to ensure maximum instructional benefit from business application software. (LMM)

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Texas Education Computer Cooperative (TECC)



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Region VIII Education Service Center
Region X Education Service Center
Region XI Education Service Center
Region XVI Education Service Center
Region XVII Education Service Center
Region XIX Education Service Center

Texas Education Agency

*Members of the Executive Committee, FY 1984

FOREWORD

The Texas Education Computer Cooperative (TECC) was organized in 1982 to broaden computer services to school districts for instruction and administration. It is important to make available to our schools state-of-the-art data processing for school management. It is also important to apply the dramatically changing capabilities available to us in the use of technology to deliver instruction.

The TECC has made wise choices in projects which it has funded during the past three years. Descriptions of the products and services developed by these projects are provided on the following pages.

Raymon L. Bynum
Commissioner of Education

Contents

Introduction	1
Executive Summary	2
Region 4	
• Texas Assessment of Basic Skills-Related Courseware for Microcomputers (FY 82)	3
• Statewide Microcomputer Courseware Evaluation Network (FY 83)	4
• Statewide Microcomputer Courseware Evaluation Network (FY 84)	5
Region 10	
• Learner-Based Accountability System (LBAS) Computer Logic Extensions (FY 82)	6
• Computer Assisted Reading System (CARS) and Computer Assisted Math System (CAMS) (FY 83)	7
• Mastery Management System (MMS) (FY 83)	8
• Resource Management System (RMS) (FY 84)	9
Region 11	
• Guidance Information System (GIS) (FY 82)	10
• Guidance Information SYS (GIS) Extension/Expansion (FY 83)	11
• Guidance Information System (GIS) Continuation and Expansion (FY 84)	12
Region 13	
• The Development of a Teacher Inservice Model for the Effective Delivery of Computer Training to Texas Educators (FY 84)	13
• The Design and Development of an Implementation Guide for Computer Literacy (FY 84)	14
Region 17	
• Learner-Based Accountability System-Expansion of Installation Capability, Phases 1, 2, and 3 (FY 82)	15
• Learner-Based Accountability System-Expansion of Installation Capability, Phases 4, 5, and 6 (FY 83)	16
Region 18	
• Learner-Based Accountability System-Expansion of Installation Capability (FY 82)	17
Region 20	
• Developing a Payroll/Personnel System Using 80's Technology (FY 82)	18
• Develop Finance (Bulletin 679), Payroll and Fixed Assets for the IBM System 23, TRS-80 Model 12 and Apple III Computers (FY 83)	19
• Develop and On-line Student Grade Reporting and Attendance Accounting System on the IBM System 23 Computer (FY 84)	21
• Development of Simulated Data Sets to Ensure Maximum Instructional Benefit From Business Application Software	23

INTRODUCTION

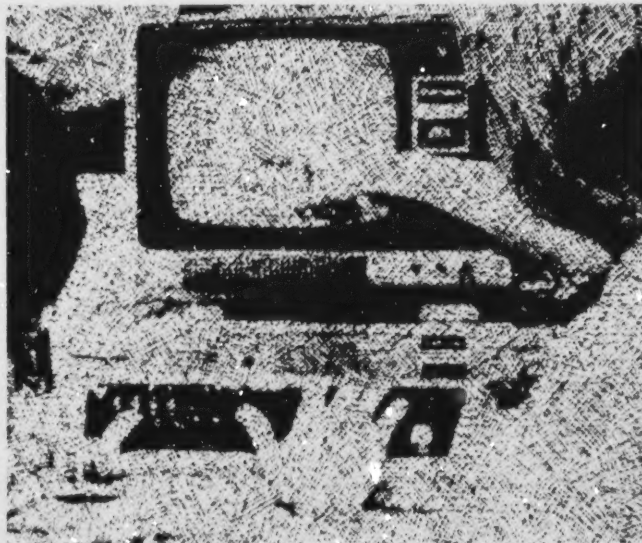
This publication was developed to broaden awareness of the Texas Education Computer Cooperative (TECC) and its efforts to develop products and services which can be most useful to schools.

The project definitions are organized by fiscal year within education service center numerical sequence. In two instances (Region IV and Region XI) the contracts for each year were quite similar and continued successful efforts. However, the products developed each year by those projects have not been identical.

Proposed projects are submitted each spring by any education service center to the TECC executive committee. Each proposal goes through a standardized objective evaluation process conducted by the executive committee and staff at the Texas Education Agency. The executive committee recommends the projects to be funded to the Commissioner of Education.

State funding of TECC projects is authorized under Section 11.33 (b) of the Texas Education Code. Section 53.74 of Title 19, Part II, Texas Administrative Code, established the Texas Education Computer Cooperative.

Inquiries regarding these products should be made through your regional education service center.



EXECUTIVE SUMMARY

TEXAS EDUCATION COMPUTER COOPERATIVE

NEED

1. Leadership for the statewide system of education computer services.
2. Guidance, communications and cooperation among the eight regional data processing centers.
3. An action entity which will initiate projects beneficial to all school districts for both administrative and educational data processing.

PURPOSE

1. Promote cooperative planning for continued development of the statewide system of computer services.
2. Promote efficient, effective and cooperative use of computer hardware and software.
3. Provide a uniform system of services.
4. Develop and maintain administrative and educational applications and services which are useful to school districts.
5. Improve opportunities for school districts to use the statewide system of computer services.
6. Promote the use of computers as instructional tools and as objects of instruction.

ORGANIZATION

1. Executive directors of the eight education service centers that provide regional data processing are members of the cooperative.
2. Executive committee.
 - Six of the eight executive directors from the processing centers.
 - Three additional executive directors from the multi-regional processing centers.
 - One non-voting member from the Texas Education Agency who serves as recording secretary.
 - Functions of the executive committee
 - acts as liaison between Commissioner of Education and TECC for coordination and funding
 - recommends plans, projects and funding and selects appropriate service centers to manage projects
 - appoints committees
 - modifies bylaws
 - selects chairman and fiscal agent

FUNDING

A total of \$350,000 per year for development projects from funding provided by the Legislature. Additional funds have been provided by the Agency, as available.

**PRODUCTS
AND
SERVICES**


Location: Education Service Center Region IV (Houston)
Project Contact Person: Vicki S. Smith
Telephone: (713) 462-7708

Texas Assessment of Basic Skills-Related Courseware for Micro Computers (FY 82)

Project Overview: This project was developed to increase the effective use of microcomputers, especially in reading and mathematics, to aid in student mastery of Texas Assessment of Basic Skills (TABS) objectives. A statewide advisory committee for software evaluation was formed. A courseware evaluation instrument was developed and several hundred reading and mathematics packages were evaluated by specially trained teachers throughout the state. The completed evaluations of those microcomputer courses, correlated to TABS objectives at Grades 3, 5, and 9, were made available through each education service center (ESC) on diskette and in printed copy.

Project Products:
Availability Date:

- | | |
|--|---------|
| 1. Software Evaluation Guide for TABS Related Courseware (available from each ESC). | Current |
| 2. A notebook of TABS-Related Courseware for Microcomputers containing hard copy evaluations of 200 titles evaluated for Apple, Radio Shack TRS-80, and Commodore PET. | Current |
| 3. Diskettes of TABS-Related Courseware for Microcomputers Database containing information on 200 titles evaluated. Diskettes available for Apple, Radio Shack TRS-80, and Commodore PET. Each requires a commercial database package. | Current |
| 4. Training and support materials were provided to the ESC members of the statewide advisory committee. Copies of these materials are available to schools directly or through ESC's. | Current |



**PRODUCTS
AND
SERVICES**

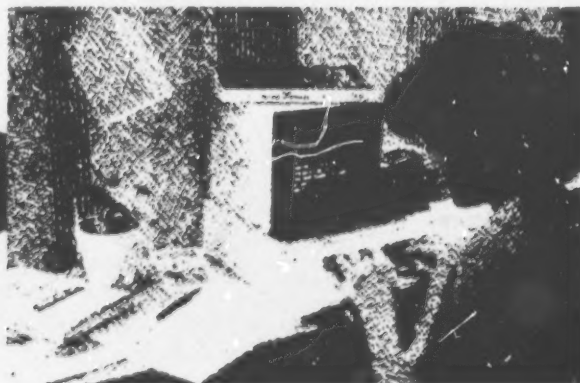
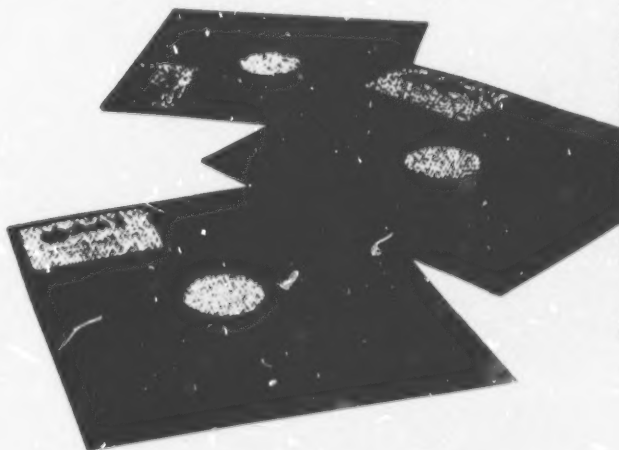

Location: Education Service Center Region IV ESC (Houston)
Project Contact Person: Vicki S. Smith
Telephone: (713) 462-7708

Statewide Microcomputer Courseware Evaluation Network (FY 83)

Project Overview: This project built on the success of the FY 1982 effort at Region IV and continued to identify courseware for improving basic skills instruction. Other objectives included the refinement of the evaluation instrument and the evaluation of K-12 courseware for reading/language arts, mathematics, science, business education and vocational education. Materials are available in various media from each education service center.

Project Products:
Availability Date:

- | | |
|--|---------|
| 1. Revised Evaluation Guide for Statewide Microcomputer Courseware Evaluation Network | Current |
| 2. Statewide Microcomputer Courseware Evaluation Network information on 300 additional titles evaluated for Apple, Radio Shack TRS-80, and Commodore. These evaluations, and those from the FY 82 project, were placed on-line with Bibliographic Retrieval Services (BRS), a commercial database system. Access requires a modem and subscription to BRS. Searching capability and hardware are available through each ESC. | Current |
| 3. Additional training and support materials were provided to the ESC members of the statewide advisory committee. Copies of these materials are available to schools through regional education service centers. | Current |
| 4. Evaluation data are being shared with other state projects to avoid duplication. Information on evaluation from the National Educational Software Evaluation Consortium is also available through each ESC representative. | Current |



**PRODUCTS
AND
SERVICES**

Location: Education Service Center Region IV (Houston)
Project Contact Person: Vicki S. Smith
Telephone: (713) 462-7708

Statewide Microcomputer Courseware Evaluation Network (FY 84)

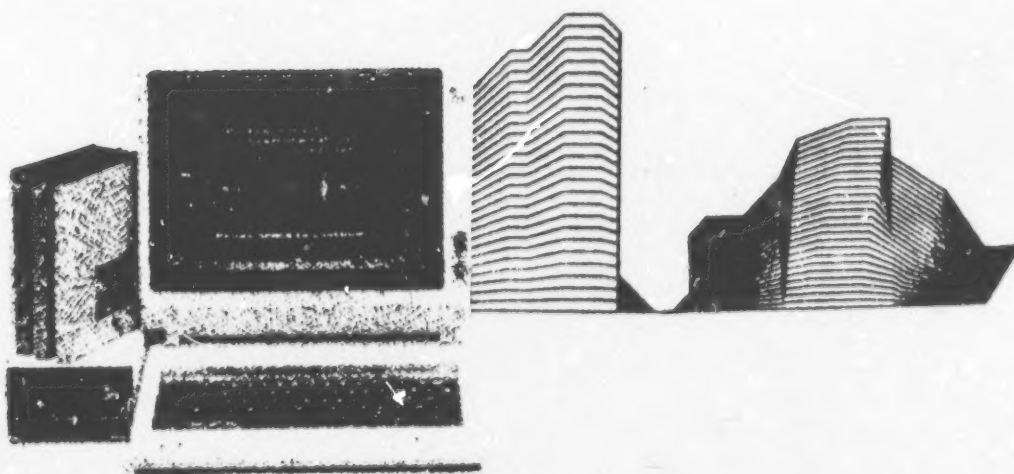
Project Overview: This project will continue statewide leadership in identifying effective microcomputer courseware and maintaining existing evaluation files. Evaluations will be expanded to include identification of courseware addressing the essential elements of student computer literacy and other general applications packages appropriate to instruction. Existing automated files of completed evaluations also will be made available on-line to remote schools and ESC's. This project will prepare video tapes and other training materials to improve dissemination of information describing the evaluation process and products. Training of the statewide advisory committee will be continued.

Project Products:**Availability Date:**

1. Statewide Microcomputer Courseware Evaluation Network information on additional titles evaluated for Apple, Radio Shack, Commodore, and IBM. Evaluations available on-line with Bibliographic Retrieval Services (BRS), a commercial database system. Access requires a modem and subscription to BRS. Searching capability and hardware are available through each ESC.
2. Videotapes and additional materials for training on use of this service will be developed.

September 1984

September 1984



**PRODUCTS
AND
SERVICES**

Location: Education Service Center Region X (Richardson)
Project Contact Person: Dr. Bill Smith
Telephone: (214) 231-6301

Learner-Based Accountability System (LBAS) Computer Logic Extensions (FY 82)

Project Overview: The Learner-Based Accountability System is designed to assist school districts in managing curriculum and monitoring program effectiveness. Original computer programs, curriculum products, assessment products, and training materials were developed by Region X Education Service Center. Texas Education Computer Cooperative (TECC) funds were used to develop embellishments to the LBAS computer logic. All LBAS products and/or associated services listed below are available to education service centers. Services and financial arrangements vary by region, however. Additional software capabilities for managing outcome-based education are available for the IBM Personal Computer via other LBAS support systems. See other Region X TECC projects, Mastery Management System and Resource Management System.

Project Products:

Availability Date:

- | | |
|--|---------|
| 1. <u>Computer Logic.</u> All original LBAS programs, including embellishments, developed for the IBM 3032 under CICS with the following new capabilities: <ul style="list-style-type: none"> • New database storage system which retains student performance data for five years; • Longitudinal tracking—generates reports that enable a school district to examine districtwide performance year by year; • Class list regrouping — provides the receiving teacher with performance history of each student for prior year; • Interdistrict aggregation for regional planning — combines performance of districts on program goals and on terminal performance objectives; • Demographic analysis—system develops reports and analyses based on multiple demographic characteristics (i.e.: gender, program, etc.) | Current |
| 2. <u>Master Bank of Objectives.</u> Banks of objectives for mathematics, language arts, and science have been developed for use by schools. They use the master banks and customize to local needs. | Current |
| 3. <u>Master Assessment Items.</u> Test items written to measure student performance toward each objective in the master banks. | Current |
| 4. <u>Consultative Assistance.</u> Training and installation assistance vary by region. | Current |

**PRODUCTS
AND
SERVICES**


Location: Education Service Center Region X (Richardson)
Project Contact Person: Dr. Gwyn Brownlee
Telephone: (214) 231-6301

Computer Assisted Reading System (CARS) and Computer Assisted Math System (CAMS) (FY 83)

Project Overview: These computer programs present higher order thinking skills for grades 4, 5, and 6 in reading and mathematics for use with TRS-80, Model III computer.

The reading system is structured to improve student inferential and interpretive strategies.

The mathematics system addresses numerical patterns, sequences and series, and verbal problems.

The curricula referenced in the systems were developed by Dallas Independent School District under a Title IV-C Grant from the U. S. Department of Education, and local funds.

Project Products:
Availability Date:

1. Computer programs and teacher's manual for CARS, Grades 4-6 for the following:

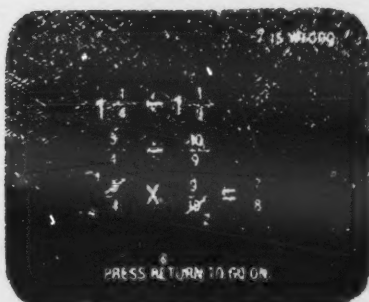
Current

- six lessons for Grade 4
- eight lessons for Grade 5
- seven lessons for Grade 6

2. Computer programs and teacher's manual for CAMS, Grades 4-6 for the following:

Current

- thirteen lessons for Grade 4
- ten lessons for Grade 5
- eight lessons for Grade 6



**PRODUCTS
AND
SERVICES**


Location: Education Service Center Region X (Richardson)
Project Contact Person: Dr. Bill Smith
Telephone: (214) 231-6301

Mastery Management System (MMS) (FY 83)

Project Overview: The Mastery Management System (MMS) was designed to assist teachers and principals in performing the necessary functions for managing records in mastery learning classrooms. The MMS operates as a stand alone campus system and in conjunction with a mainframe computer. The MMS was developed to be an integral part of the Learner-Based Accountability System (LBAS)—a districtwide system developed for an IBM mainframe. Maximum capability to manage records for outcome-based education is realized through the use of the microcomputer MMS with support via mainframe (LBAS) operations. A field test at two schools will be completed in the spring of 1984.

Project Products:
Availability Date:
1. MMS—Compiled Logic. (diskettes)

Current
(Fee Charged)

- Language: RM Cobol.
- CPU: IBM PC or IBM XT with 256K memory, floppy drive, and 10 megabyte hard disk.
- Peripherals: Scan-Tron 1200 Scanner, 180 cps DataSouth printer, DaVong 10 megabyte hard disk if PC.

2. Software Maintenance. (diskettes)

Current
(Fee Charged)

Update patches and embellishments distributed periodically to participating schools.

3. Users Guide. (paper copy)

Spring '84
(Fee Charged)

A manual designed to provide teachers and administrators information for the use of the MMS.

4. Operator's Guide. (paper copy)

Spring '84
(Fee Charged)

A manual which explains hardware and MMS operations for use by computer operators.

5. Training.

Summer '84
(Fee Charged)

A comprehensive orientation for all ESC's was conducted in the fall of 1983. Installation training will be offered at the completion of the field tests.



**PRODUCTS
AND
SERVICES**


Location: Education Service Center Region X (Richardson)
Project Contact Person: Dr. Bill Smith
Telephone: (214) 231-6301

Resource Management System (FY 84)

Project Overview: A Resource Management System (RMS) designed to manage learning resources for curriculum and instruction. Correlations of learning resources to curriculum elements are an important feature. The RMS is compatible with the Learner-Based Accountability System (LBAS) and The Mastery Management System. A field test will be conducted. Features of the RMS include:

- Capability to correlate instructional resources to local curriculum,
- Search capabilities for specified curriculum elements
- Interaction with mainframe computer and the LBAS.

Project Products:
1. RMS—Compiled Logic. (diskettes)

- Language: RM COBOL
- CPU: IBM XT or PC
- Peripherals: Scanner (OMR), and Printer

Availability Date:

August 1984
(Fee Charged)

2. Software Maintenance. (diskettes)

Update patches and embellishments distributed periodically to participating units.

August 1984
(Fee Charged)

3. Users Guide. (paper copy)

A manual which explains hardware and RMS operations for use by computer operators.

August 1984
(Fee Charged)

4. Training. All ESC will offered orientation on the use of this system.

Subsequent installation training will be provided for those schools implementing the system.

October 1984
(Fee Charged)



**PRODUCTS
AND
SERVICES**

Location: Education Service Center Region XI (Ft. Worth)
Project Contact Person: Dr. Emory R. Close
Telephone: (817) 625-6187

Guidance Information System (GIS) (FY 82)

Project Overview: Purposes of the Project:

- To organize, plan and acquire a state contract to make an automated Guidance Information System (GIS) generally available in an efficient and cost effective manner to all school districts in Texas.
- To develop data bases on the GIS related to specific Texas needs (e.g., Texas occupations, vocational education, state financial aid, business and industry files)

(Note: License fees and long distance communications costs were paid by the project for participating schools in FY 82.)

Project Products:

1. Texas Vocational Technical Schools file (fee charged for computer tape duplication)
2. Texas Vocational Technical Schools (TXVT) Student Manual (sample furnished free; fee charged for quantities of TXVT Manual)
3. Master license contract was established with Time Share Corporation, making GIS available at a standard and significantly reduced rate across the state.

Availability Date:

Current

Current

Current



**PRODUCTS
AND
SERVICES**


Location: Education Service Center Region XI (Ft. Worth)
Project Contact Person: Dr. Emory R. Close
Telephone: (817) 625-6187

Guidance Information System (GIS) Extension/Expansion (FY 83)

Project Overview: This project developed and implemented marketing strategies with schools for the GIS as a result of the statewide contract established in FY 1982. Special purpose Texas files regarding state occupations, were developed to be available on the automated GIS. This project also sought methods to insure this service is available to rural populations by using alternate delivery systems such as microcomputers, loaner terminals, and student questionnaires.

(Note: License fees and long distance communications costs were paid by the project for participating schools for FY 83.)

Project Products:
Availability Date:

- | | |
|--|---------|
| 1. Texas Occupations (TXOC) file tape listing 250 occupations containing current Texas information (fee charged for computer tape duplication) | Current |
| 2. Texas Occupations Student Manual (TXOC) (sample furnished free; fee charged for quantities of TXOC Manual) | Current |



**PRODUCTS
AND
SERVICES**

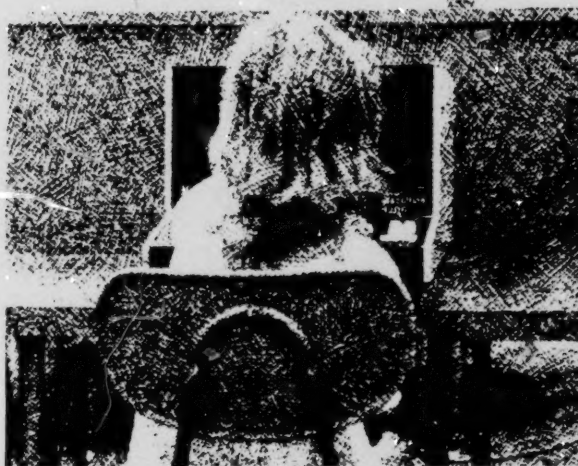

Location: Education Service Center Region XI (Ft. Worth)
Project Contact Person: Dr. Emory R. Close
Telephone: (817) 625-6187

Guidance Information System (GIS) Continuation and Expansion (FY 84)

Project Overview: The revision provides for the acquisition of a new state license agreement for the automated Guidance Information System (GIS) based on expanding the number of districts using the service and as a result of specific student needs. A Wide Area Telephone Service (WATS) communication network will be installed to allow schools without direct on-line access to obtain counseling analysis via telephone. Twenty-eight new entries will be added to the Texas Vocational-Technical School file, and 150 existing entries will be revised. A new file will be developed to operate with the six files available from the national GIS and the two Texas data files (Vocational-Technical Schools and Occupations) previously developed by this TECC project. Currently the Financial Aids file has priority for development this year. When completed, the Financial Aids file will contain information about financial assistance from institutions, agencies, businesses, labor unions and other organizations, available to Texas students. Field tests will be conducted to provide GIS service to a greater number of students. (NOTE: Payment of yearly license fee and subsidy for long distance communications costs are available).

Project Products:
Availability Date:

- | | |
|---|----------------|
| 1. Financial Aids file tape (fee charged for computer tape duplication) | September 1984 |
| 2. Texas Financial Aids (TXFA) Student Manual (Sample furnished free; fee charged for quantities) | September 1984 |
| 3. A toll free WATS line for use by schools in areas where GIS is not otherwise available | November 1983 |
| 4. A limited agreement to permit districts to license GIS for the Apple III or IBM PC/XT at reduced rates | October 1983 |



**PRODUCTS
AND
SERVICES**

Location: Education Service Center Region XIII (Austin)
Project Contact Person: Gloria A. McClanahan, Susan Pennington
Telephone: (512) 458-9131

**The Development of a Teacher Inservice Model for Effective
Delivery of Computer Training to Texas Educators (FY 84)**

Project Overview: This project will develop a specific training model to provide educators with those skills outlined in the Agency document, "Essential Computer Competencies for Educators." Attention will be given to organizing, managing and scheduling issues as well as student outcomes. The product will be a field-tested model with a minimum of 8 training modules and accompanying materials which will be replicated for distribution to schools. Training sessions for statewide trainers will also be conducted.

Project Products:

1. Eight training modules will be written to address computer competencies. Each module contains presentors' scripts, participants notes, workshop and enrichment activities, overhead masters and other resources. Topics include:

- General computer awareness and orientation.
- Computers in elementary school (K-3).
- Computers in elementary school (4-6).
- Word processing and data base management.
- Computers in secondary language arts.
- Computers in secondary science.
- Computers in secondary social studies.
- Computers in school libraries.

Availability Date:

August 1984



**PRODUCTS
AND
SERVICES**


Location: Education Service Center Region XIII (Austin)
Project Contact Person: Dr. Wallace Mills
Telephone: (512) 458-9131

The Design and Development of an Implementation Guide for Computer Literacy (FY 84)

Project Overview: A comprehensive scope and sequence for a K-8 model computer literacy program will be developed consistent with the essential elements defined by the Agency. A set of goals and objectives will be refined from existing commercial and other curriculum guides being used in Texas schools. Appropriate learning materials and classroom activities will be identified and an implementation strategy developed. An administrators guide for incorporating computer literacy into the curriculum will be written. This project will be correlated with the plan for providing essential competencies for teachers now being developed by Region XIII ESC. A computer literacy awareness conference will be organized to disseminate project information and products.

Project Products:

1. A comprehensive scope and sequence for a K-8 computer literacy program will be developed. Goals and objectives will be consistent with the essential elements defined by the Agency and will be derived from existing models.
2. Learning activities and materials for each objective will be identified and/or developed.
3. An administrator's guide for incorporating computer literacy into the curriculum will be written.

Availability Date:

August 1984

August 1984

August 1984



PRODUCTS AND SERVICES 	Location: Education Service Center Region XVII (Lubbock) Project Contact Person: David Cobb Telephone: (806) 792-4000
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Learner-Based Accountability System—Expansion of Installation Capability, Phases 1, 2 and 3 (FY 82)

Project Overview: This project converted Learner-Based Accountability System programs for operation on Datapoint computer systems, using the Datapoint Resource Management System (RMS) now used by education service centers in Region V (Beaumont), Region VII (Kilgore), and Region XVII (Lubbock). (NOTE: See Region X projects for a description of the LBAS system).

Project Products:

Computer programs to accomplish the following were written to operate on a Datapoint computer:

- Build grade level file
- Print objectives in grade level format
- Request file maintenance
- Maintain objectives files
- Perform file initialization
- Print test file
- Maintain test file

Availability Date:

Current



**PRODUCTS
AND
SERVICES**


Location: Education Service Center Region XVII (Lubbock)
Project Contact Person: David Cobb
Telephone: (806) 792-4000

**Learner-Based Accountability System—
 Expansion of Installation Capability, Phases 4, 5 and 6 (FY 83)**

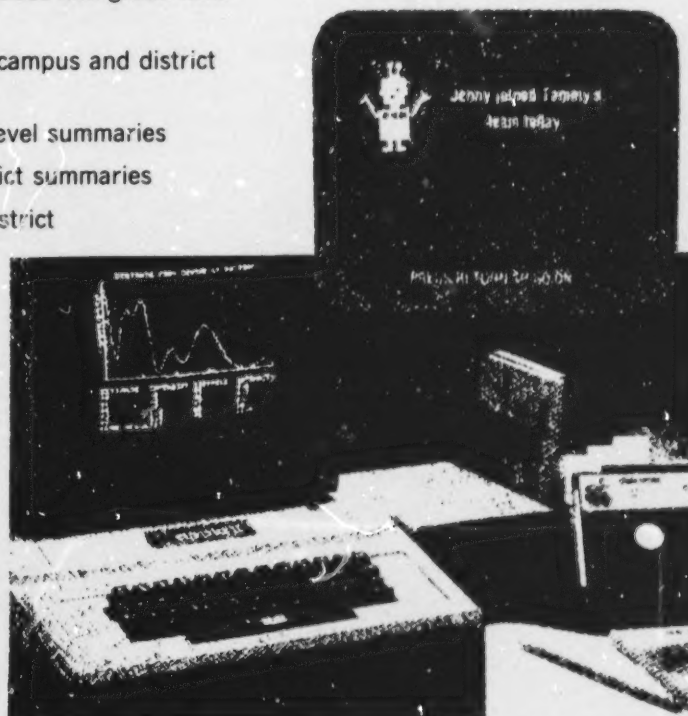
Project Overview: The purpose of this project was to complete the conversion of Learner-Based Accountability System (LBAS) computer logic to Datapoint computer hardware at processing centers in Region V (Beaumont), Region VII (Kilgore), and Region XVII (Lubbock). This project follows the TECC 1982 project in which Region XVIII provided funds to ESCs to expand the installation of the LBAS. Region XVII completed the conversion utilizing the Datapoint Resource Management System. (Note: See Region X projects for a description of the LBAS system.)

Project Products:

1. Computer programs to accomplish the following were written to operate on Datapoint computer:
 - Verify County—district and file existence.
 - Build objectives file for desired curriculum area
 - Print individual student reports
 - Print class, campus and district summary reports
 - Print terminal performance objectives class and grade level summaries
 - Print terminal performance objectives campus and district summary
 - Print program goals, class and grade level summaries
 - Print program goals, campus and district summaries
 - Provide sample outputs for a school district
 - Maintain files and system operations
2. Documentation for the system includes:
 - LBAS scan sheet operator instructions
 - LBAS scan tape operator instructions
 - User guide

Availability Date:

The project products listed were provided to ESC Region V (Beaumont), and Region VII (Kilgore) in a tape format on April 1983.



**PRODUCTS
AND
SERVICES**

Location: Education Service Center Region XVIII (Midland)
Project Contact Person: J. W. Donaldson
Telephone: (915) 563-2380

Learner-Based Accountability System-Expansion of Installation Capability (FY 82)

Project Overview: Region XVIII served as fiscal agent for a TECC project which provided funds to expand the capabilities of education service centers assisting school districts with the installation of LBAS. Funds were provided to:

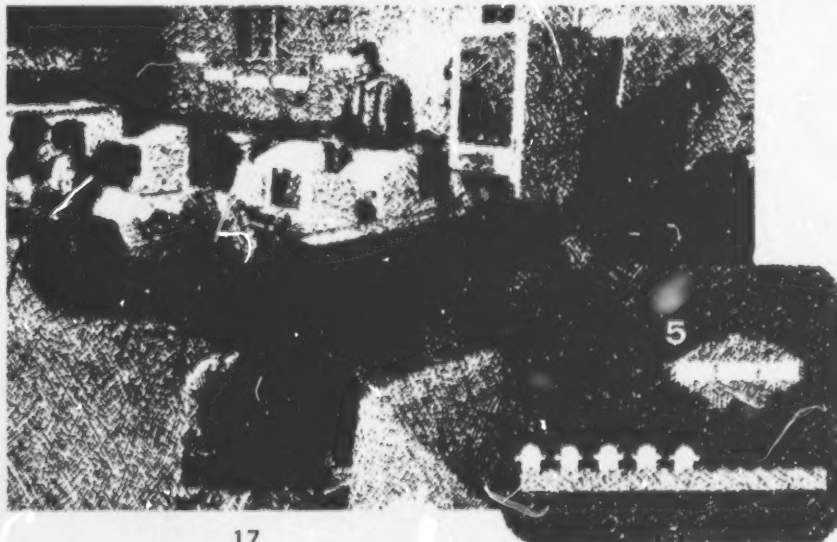
- Make existing LBAS computer programs available on equipment at regional and multi-regional processing centers,
- Train personnel to use the existing system,
- Purchase LBAS mathematics and/or language arts materials which included objectives, test items and computer support materials, and
- Purchase training and materials to expand education service center ability to assist local school districts in the use of LBAS.

Project Products:

Nineteen of the education service centers in Texas have LBAS products in mathematics and language arts. Region XVII ESC converted LBAS programs for operation on a Datapoint computer. As a result, LBAS is now available on Datapoint computers in Region V, (Beaumont), Region VII, (Kilgore), and Region XVII, (Lubbock). This collaborative effort through the leadership of Region XVII was accomplished at a financial savings to each of the centers. The local training and statistical output require a fee.

Availability Date:

Current



**PRODUCTS
AND
SERVICES**

Location: Education Service Center Region XX (San Antonio)
Project Contact Person: Jim Sweet
Telephone: (512) 224-0736

Developing a Payroll/Personnel System Using 80's Technology (FY 82)

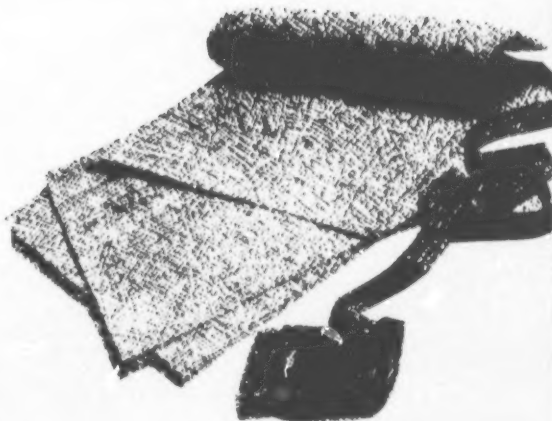
Project Overview: Administrative computer applications currently serving schools were developed during the 1960's and are now out of date. This project acquired a modern data base management system (DBMS) for the three multi-regional processing centers (Regions IV, X and XX in Houston, Richardson and San Antonio, respectively). A new on-line payroll/personnel system was then developed using the DBMS acquired.

Project Products:

Multiple copies of the INTEL—Data Base Management System, System 2000, were purchased at reduced rates and placed in Regions IV, X, and XX. A combined payroll/personnel data base was developed at Region XX using System 2000.

Availability Date:

Current



**PRODUCTS
AND
SERVICES**


Location: Education Service Center Region XX (San Antonio)
Project Contact Person: Jim Sweet
Telephone: (512) 224-0736

**Develop Finance (Bulletin 679), Payroll and Fixed Assets for the IBM System 23,
 TRS-80-Model 12, and Apple III Computers (FY 83)**

Project Overview: The three stand-alone microcomputer systems noted above were developed to assist districts throughout the state with school management. These systems provide small schools with a cost effective alternative to procuring computer services from large regional data processing centers or commercial sources. The systems were written by the education service center with suggestions from educators across the state. The systems are "menu oriented," which makes them easy to use. (NOTE: A consortium of education service centers is independently funding the conversion of these systems for the IBM PC/XT.)

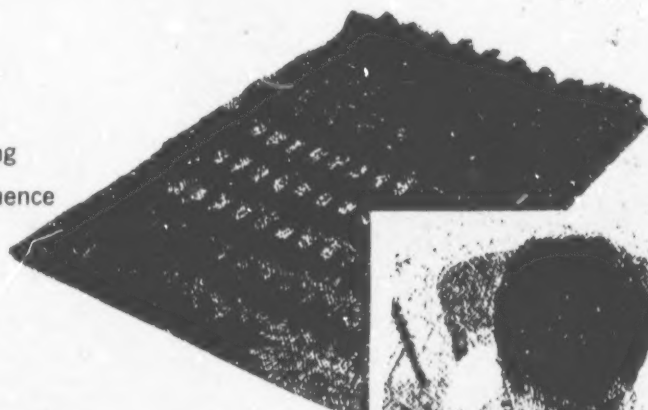
Project Products:
1. Finance

- Checks
- Cash Receipts Journal
- Encumbrance Journal
- Expenditure and Liquidation Journal
- General Journal
- Trial Balance
- Check Register
- General Ledger Summary
- Detail General Ledger
- Outstanding Purchase Order Listing
- Aged Purchase Order Listing
- Board Report with or without detail
- Cash Position by Bank Account Listing
- Vendor List in alpha or numeric sequence
- 1099 Report
- Check Transaction Listing
- Reports by exception
- 259 Report with or without detail
- Vendor and Purchase Order inquiry

Availability Date:
Current:

IBM System/23, IBM
 System/36
 Apple III, TRS-80 Model 12

January 1984
 IBM PC/XT

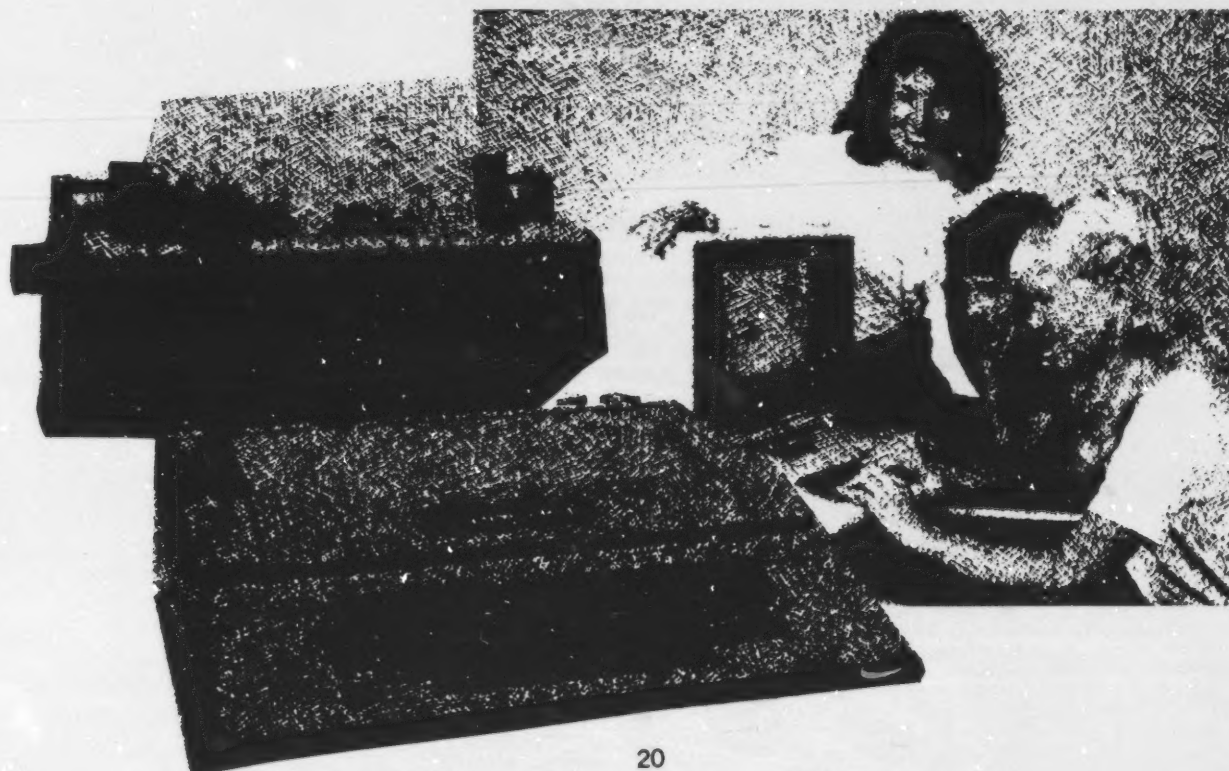

2. Payroll

- Payroll Control Listing
- Proof List of payroll Transaction checks

- Check Register
- Distribution Journal
- Deduction Register
- Transmittal Reports (input documents)
- YTD Reports (calendar, school, workmen comp.)
- Payroll Journal
- TEC Wage List
- TRS 3 Report
- TRS 10 Report
- TRS Federal Grant Report
- W2 Forms
- Employee Listing
- TRS Certification Report
- Employee Record Inquiry

3. Fixed Asset

- Transaction Listing
- File Status Report
- File Inquiry-Report by Exception





Location: Education Service Center Region XX (San Antonio)
Project Contact Person: Jim Sweet
Telephone: (512) 224-0736

**Develop an on-line Student Grade Reporting and Attendance
Accounting System on the IBM System 23 Computer (FY 84)**

Project Overview: The purpose of this project is to aid school districts by providing a local computer based record keeping system for students. The system is comprised of modules which provide the user with a student data base, attendance accounting and grade reporting functions. Design of the system has been coordinated with a committee of educators from across the state. Techniques learned from previous TECC applications development projects for stand alone computers are incorporated into this project.

Project Products:

Availability Date:

1. Three modules are available:

August 1984

a. Student Data Base Module

- Data base maintenance
- Transaction posting
- Data base inquiry
- Environment and table parameter maintenance
- Next year data base processing
- Data base back-up, reload, creation and re-creation
- Group transfer and group changing of data base elements (records).
- Data base listing
- Reporting

b. Grade Reporting Module

August 1984

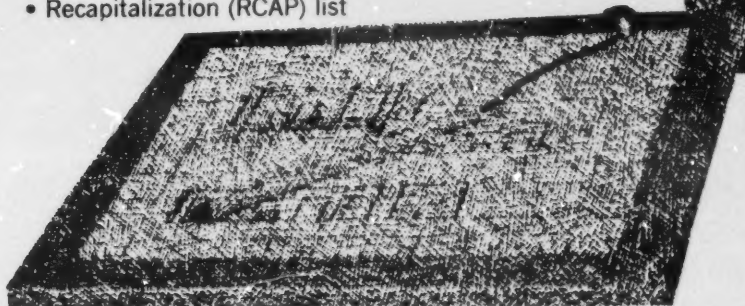
- Report cards
- Blank grades list
- Incomplete grades list
- Failure list
- Analysis reports (grade distribution by course, grade, teacher)
- Report card proof
- Honor roll list (grade point, alphabetic, numeric, special numeric)
- Grade collection report and entry form
- Master schedule print
- Withdrawal report
- Grade labels

- Grade averaging (Grade point, numeric and alphabetical ranking)
- Recapitalization (RCAP) List
- Group transfer report
- Drop list—(Group change report on courses)
- Athletic student scholastic grade report
- Computation of credit
- Alphabetic student list
- Mailing labels
- Teacher file list
- Class list

c. Attendance Reporting Module

August 1984

- Superintendent's Annual Report
- Principal's Period Report (8 reports) Agency standard
- Daily Attendance Report
- Principal's First Day Report (8 Reports) Agency standard
- Entry Withdrawal Summary
- Excess Absence Report
- Excess Absence Letter to Parents
- Membership summary
- Membership summary
- Attendance proof list
- Fall Survey
- Group transfers
- Attendance mailing labels
- Drop list
- Drop list
- Attendance summary for campus
- Alphabetic student list
- Recapitalization (RCAP) list





Location: Education Service Center Region XX (San Antonio)
Project Contact Person: Gerardo Mechler
Telephone: (512) 271-7611

**Development of Simulated Data Sets to Ensure Maximum Instructional Benefit
From Business Application Software (FY 84)**

Project Overview: The project has identified commercially produced business application software packages now being used or which may be used in secondary business and vocational classes. Simulated data sets and supporting documentation are being developed for each of the 12 selected software packages. Documentation includes transparency masters, student handouts, skill activities, review activities, and other training materials. Field tests of the data systems will be conducted and recommended improvements incorporated into the materials. A training session will be scheduled for other ESC's and products will be made available for statewide distribution.

Project Products:

Availability Date:

1. A total of 12 "Simulated Instructional Data Sets" (5¼ floppy diskette)

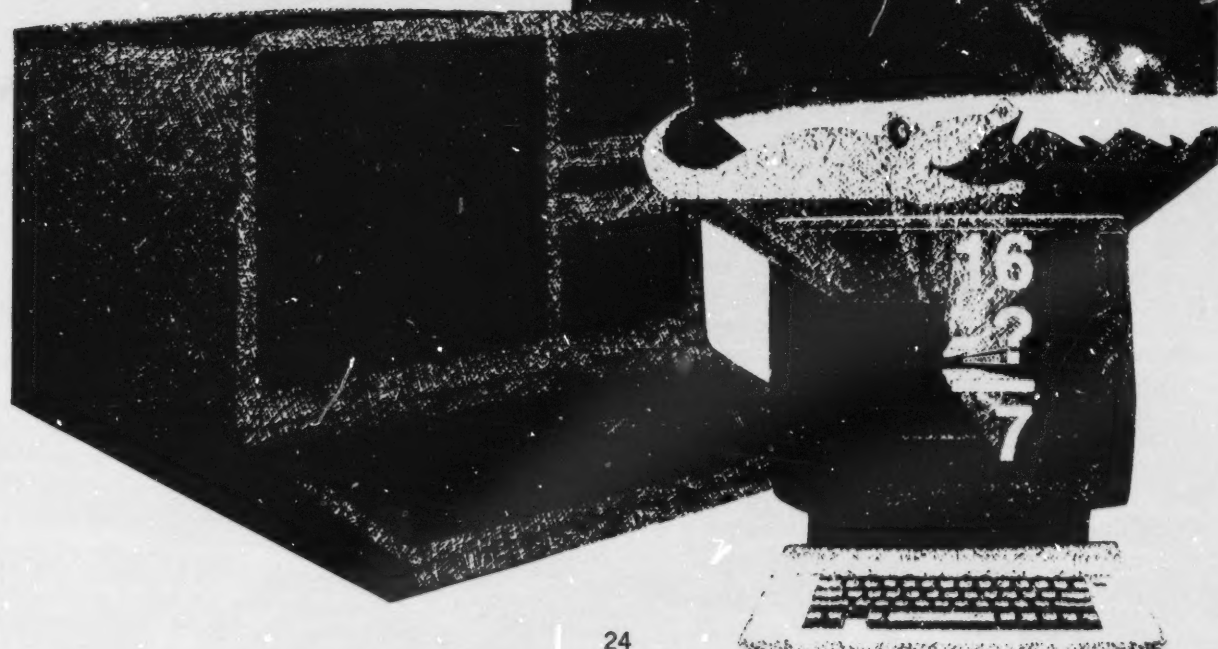
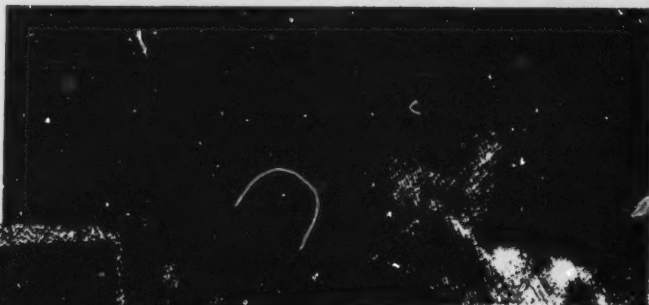
August 1984

- Applewriter: A word processing system for the Apple 2e computer (DOS 3.3) with two disk drives and 64K (printer optional).
- VisiCalc: An electronic spreadsheet for the Apple 3+ computer (DOS 3.3) with two disk drives and 48K (printer optional).
- WordCraft: A word processing system for the Commodore CBM 8032 with two disk drives and 32K (printer optional).
- FlexFile: A data based management system for the Commodore PET 4032 with two disk drives and 32K (printer optional).
- PFS:Write: A word processing system for the IBM PC-XT with two disk drives and 128K (printer optional).
- PFS:File: A data based management system for the IBM PC-XT with two disk drives and 128K (printer optional).
- Scribes: A word processing system for the TRS-80 Model III with one disk drive and 32K (printer optional).
- Profile III+: A data based management system for the TRS-80 Model III with two disk drives and 48K (printer optional).
- VisiCalc: An electronic spreadsheet system for the TRS-80 Model III with one disk drive and 48K (printer optional).
- General Ledger: A business application system for the TRS-80 Model III with two disk drives and 48K (printer required).
- Accounts Receivable: A business application system for the TRS-80 Model III with two disk drives and 48K (printer required).
- Accounts Payable: A business application system for the TRS-80 Model III with two disk drives and 48K (printer required).

2. Documentation

August 1984

Includes transparency masters, student handouts, skill activities, review activities, reminder cards, glossary and references.



COMPLIANCE STATEMENT

TITLE VI, CIVIL RIGHTS ACT OF 1964; THE MODIFIED COURT ORDER, CIVIL ACTION 5281, FEDERAL DISTRICT COURT, EASTERN DISTRICT OF TEXAS, TYLER DIVISION

Reviews of local education agencies pertaining to compliance with Title VI Civil Rights Act of 1964 and with specific requirements of the Modified Court Order, Civil Action No. 5281, Federal District Court, Eastern District of Texas, Tyler Division are conducted periodically by staff representatives of the Texas Education Agency. These reviews cover at least the following policies and practices:

- (1) acceptance policies on student transfers from other school districts;
- (2) operation of school bus routes or runs on a non-segregated basis;
- (3) nondiscrimination in extracurricular activities and the use of school facilities;
- (4) nondiscriminatory practices in the hiring, assigning, promoting, paying, demoting, reassigning, or dismissing of faculty and staff members who work with children;
- (5) enrollment and assignment of students without discrimination on the basis of race, color, or national origin;
- (6) nondiscriminatory practices relating to the use of a student's first language; and
- (7) evidence of published procedures for hearing complaints and grievances.

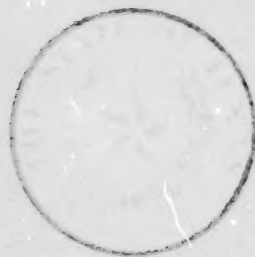
In addition to conducting reviews, the Texas Education Agency staff representatives check complaints of discrimination made by a citizen or citizens residing in a school district where it is alleged discriminatory practices have occurred or are occurring.

Where a violation of Title VI of the Civil Rights Act is found, the findings are reported to the Office for Civil Rights, Department of Health, Education and Welfare.

If there is a direct violation of the Court Order in Civil Action No. 5281 that cannot be cleared through negotiation, the sanctions required by the Court Order are applied.

TITLE VII, CIVIL RIGHTS ACT OF 1964; EXECUTIVE ORDERS 11246 AND 11375; TITLE IX, 1973 EDUCATION AMENDMENTS; REHABILITATION ACT OF 1973 AS AMENDED; 1974 AMENDMENTS TO THE WAGE-HOUR LAW EXPANDING THE AGE DISCRIMINATION IN EMPLOYMENT ACT OF 1967; AND VIETNAM ERA VETERANS READJUSTMENT ASSISTANCE ACT OF 1972 AS AMENDED IN 1974.

It is the policy of the Texas Education Agency to comply fully with the nondiscrimination provisions of all federal and state laws and regulations by assuring that no person shall be excluded from consideration for recruitment, selection, appointment, training, promotion, retention, or any other personnel action, or be denied any benefits or participation in any programs or activities which it operates on the grounds of race, religion, color, national origin, sex, handicap, age, or veteran status (except where age, sex, or handicap constitute a bona fide occupational qualification necessary to proper and efficient administration). The Texas Education Agency makes positive efforts to employ and advance in employment all protected groups.



TEXAS EDUCATION AGENCY
AUSTIN, TEXAS
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